

newline



USB Type-C
With Power



Antimicrobial
Surface



Secure
Android 11 OS



Newline
App Store



Better
Connectivity



Superior Touch
Experience



20W
Speakers



Compatible
with all Devices

CREATE A DYNAMIC LEARNING ENVIRONMENT

Inspire students to participate and interact with the Newline Q Series, a high performance solution for classrooms. The Q Series redefines education with an immersive audio-visual experience. No matter where you sit, the 4K display provides a crystal clear image and a 178° viewing angle. Embedded 20W speakers deliver clear audio throughout the classroom.

Start class faster with the plug and play design of Q Series. Plug in your laptop through the USB Type-C cable and get class started, all while the Q Series keeps your laptop charged. A built-in Wi-Fi 6 module offers greater connectivity for securely connecting up to 30 devices.

With an embedded Android 11 OS, Q Series is secure and allows for customization with user profiles. Combined with the Newline App Store, download your favorite apps right to the panel, including educational gaming, G-Suite, or videoconferencing apps like Zoom or Teams for hybrid learning.

Build a dynamic and engaging learning environment in your classroom with the Q Series.

Newline Q Series includes the following software solutions

CAST

BROADCAST

DISPLAY MANAGEMENT PLUS



Q Series

Model	Q55	Q65	Q75	Q86	Q98
Display					
Screen Size	55"	65"	75"	86"	98"
Display Area	47.6 x 26.8 in	56.2 x 31.7 in	65 x 36.5 in	74.6 x 42 in	TBD
Backlight	LED	LED	LED	LED	LED
Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
Display Ratio	16:9	16:9	16:9	16:9	16:9
Brightness	400nit	400nit	400nit	400nit	400nit
Display Colors	1.07 billion (8 bit)	1.07 billion (8 bit)	1.07 billion (8 bit)	1.07 billion (8 bit)	1.07 billion (8 bit)
Contrast Ratio	4000:1	4000:1	4000:1	4000:1	4000:1
Response Time	8 ms	8 ms	8 ms	8 ms	8 ms
Viewing Angle	178°	178°	178°	178°	178°
Lifetime Hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Speakers					
Position	Forward	Forward	Forward	Forward	Forward
Max Power Output	(2) 20W	(2) 20W	(2) 20W	(2) 20W	(2) 20W
Output S.P.L	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB
Power					
Max Power Consumption	≤250W (Standby ≤0.5W)	≤250W (Standby ≤0.5W)	≤300W (Standby ≤0.5W)	≤400W (Standby ≤0.5W)	≤400W (Standby ≤0.5W)
Working Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
ENERGY STAR® Compliant	Yes	Yes	Yes	Yes	Yes
Touch					
Touch Surface	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass
Anitmicrobial Coating	Yes	Yes	Yes	Yes	Yes
Touch Points	Up to 20 Points	Up to 20 Points	Up to 20 Points	Up to 20 Points	Up to 20 Points
Touch Sensor	Infrared Touch	Infrared Touch	Infrared Touch	Infrared Touch	Infrared Touch
Writing Tools	Stylus or Finger	Stylus or Finger	Stylus or Finger	Stylus or Finger	Stylus or Finger
Transportation/Storage					
Storage Temp/Humidity	14°F - 131°F / 20% - 90%	14°F - 131°F / 20% - 90%	14°F - 131°F / 20% - 90%	14°F - 131°F / 20% - 90%	14°F - 131°F / 20% - 90%
Working Temp/Humidity	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%
Mounting Options	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand
VESA Mount Pattern	600x400mm	600x400mm	800x400mm	800x400mm	800x600mm
Outline Dimension	50.9 x 31.8 x 3.4 in	59.4 x 34.1 x 3.4 in	68.1 x 39.8 x 3.4 in	77.8 x 45.3 x 3.4 in	88.8 x 53.6 x 4.2 in
Weight	69.4 lbs	79.4 lbs	108 lbs	132.3 lbs	187.4 lbs
Embedded Operating System					
SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
RAM	4 GB DDR3 MCP	4 GB DDR3 MCP	4 GB DDR3 MCP	4 GB DDR3 MCP	4 GB DDR3 MCP
ROM	32GB NOR Flash	32GB NOR Flash	32GB NOR Flash	32GB NOR Flash	32GB NOR Flash
Android Version	11.0	11.0	11.0	11.0	11.0
External Memory	32GB TF card (Built in)	32GB TF card (Built in)	32GB TF card (Built in)	32GB TF card (Built in)	32GB TF card (Built in)
Multimedia Files Supported	Image (JPEG, BMP, PNG); Video (MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, FLV); Audio (MP3, M4A, AAC)				
Ports					
Front Interface Inputs	USB Type-C 65W x 1, HDMI 2.0 x 1, USB Type-B x 1, USB (3.0) x 1, Mic in x 1				
Rear Inputs	HDMI 2.0 x 2, DisplayPort 1.2 x 1, USB (Touch) x 3, USB Type-C x 1, USB (3.0) x 2, USB (Android) x 1				
Rear Outputs	HDMI out x 1, RS232 x 1, RJ45 x 1, SPDIF x 1, Audio Line out x 1				
Other	OPS Slot (4K) x 1, WiFi module x 1				